

**Work Order ID 136265**

Friday, August 28, 2015 2:17:39 PM

**\*136265\***

Page 1

Item ID: 646.3010

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: LH Half

Start Date: 8/31/2015 Start Qty: 10.00

**\*10\***

Cust Item ID:

Required Date: 8/31/2015 Req'd Qty: 10.00

**\*10\***

Customer:

Reference:

Approvals: Process Plan: SH/LL Date: 120150901 Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr                       | Revision Nbr             |                      |         |        |              |               |               |                  |                |
| 646.3000                       | N/C                      |                      |         |        |              |               |               |                  |                |

100

0.00

**\*100\***

BAND SAW

Bandsaw

Memo

0.08

Jeaspa Bandsaw

Cut Blank at 9.700"

10 0 15/12/02

110

0.01

**\*110\***

HAAS CNC VERTICAL MACHINING #1

HAAS 1

Memo

0.05

HAAS CNC vertical machine #1

1-Machine per folio FB158

DWG REV: AA N/CFOLIO REV: AA10 0 15/12/09

2- deburr and break all sharp edges

**Work Order ID 136265**

Friday, August 28, 2015 2:17:39 PM

**\*136265\***

Page 2

Item ID: 646.3010

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: LH Half

Start Date: 8/31/2015 Start Qty: 10.00

**\*10\***

Cust Item ID:

Required Date: 8/31/2015 Req'd Qty: 10.00

**\*10\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120

QC2- Inspect parts off machine FAI/FAIB

0.00

**\*120\***

QC

Memo

0.02

Quality Control

10

0

15/12/08

130

QC8- Inspect parts - second check

0.00

**\*130\***

QC

Memo

0.03

Quality Control

10

0

DAS

44

9-89

15/12/10

131

0.00

**\*131\***

HandFinish

Memo

0.17

Hand Finishing

CLEAN AND REMOVE ALL PART MARKING

CL

15/12/14

N/A

done @ ATG

**Work Order ID 136265****\*136265\***

Page 3

Friday, August 28, 2015 2:17:39 PM

Item ID: 646.3010 Accept **\*N900040100\*** Setup Start **\*NS1\***  
Revision ID: Stop **\*NS2\***  
Item Name: LH Half  
Start Date: 8/31/2015 Start Qty: 10.00 **\*10\*** Cust Item ID:  
Required Date: 8/31/2015 Req'd Qty: 10.00 **\*10\*** Customer:  
Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description                      | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|-----------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 140                            | Outsource process-Anodize per QSI017 4.1.10.1 | 0.00                 |         |        |              |               |               |                  |                |
| <b>*140*</b>                   |                                               |                      |         |        |              |               |               |                  |                |
| Outsource4                     | Memo                                          | 30.00                |         |        |              |               |               |                  |                |
| Outsource process - Anodize    | Issue P/O to ATG : <u>30730</u>               |                      |         |        |              |               |               |                  |                |
|                                | 1- Black Anodize as per Dwg 646.3000          |                      |         |        |              |               |               |                  |                |
|                                | 2- PRIME AS PER DWG, SEE NOTE #2              |                      |         |        |              |               |               |                  |                |
|                                | Certification of Conformity is required       |                      |         |        |              |               |               |                  |                |
| 150                            | Receive & Inspect for Damage & Mat'l Certs    | 0.00                 |         |        |              |               |               |                  |                |
| <b>*150*</b>                   |                                               |                      |         |        |              |               |               |                  |                |
| Packaging                      | Memo                                          | 0.00                 |         |        |              |               |               |                  |                |
| Packaging                      |                                               |                      |         |        |              |               |               |                  |                |
| 155                            | QC5- Inspect part completeness to step on W/O | 0.00                 |         |        |              |               |               |                  |                |
| <b>*155*</b>                   |                                               |                      |         |        |              |               |               |                  |                |
| QC                             | Memo                                          | 0.03                 |         |        |              |               |               |                  |                |
| Quality Control                |                                               |                      |         |        |              |               |               |                  |                |

CZ DEC 14 2015 10

10  
DEC 16 201510  
DAS  
9  
9-89

DEC 16, 2015

Friday, August 28, 2015 2:17:39 PM

Page 4

**Accept**

Setup Start \*NS1\*

Stop \*NS2\*

**Start Date:** 8/31/2015      **Start Qty:** 10.00      **\*10\***

**Cust Item ID:**

**Required Date:** 8/31/2015      **Req'd Qty:** 10.00      **\*10\***

**Customer:**

**Reference:**

**Approvals:**      **Process Plan:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Tooling:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Run Start \*NR1\*

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

**Stop** **\*NR2\***

Sequence ID/  
Work Center ID

### Operation Description

## Set Up/ Run Hours

**Tool ID**

**Tool #****Plan  
Code**

**Accept  
Qty**

Reject Qty

### Reject Number

**Insp.  
Stamp**

180

Identify as per dwg & Stock Location. CE/52 0.00

0.00

**\*180\***

0.00

## Packaging

## Memo

\*\*\*IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV\*\*\*

## Packaging

DEC 17 2015

190

QC21- Final Inspection - Work Order Release

0.00

**\*190\***

0.02

QC

## Memo

## Quality Control

DEC 17 2015

MLK DEC 17 2015

# Picklist Print

Friday, August 28, 2015 1:49:36 PM

Page 1

Work Order ID: 136265

\*136265\*

Parent Item: 646.3010

\*646.3010\*

Parent Item Name: LH Half

Start Date: 8/31/2015

Required Date: 8/31/2015

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP REV:A NEW ISSUE 13/01/14 JFS VERIFY BY: JLM

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| M7075T6B6.000X0.250             |                        | Purchased     |             | No                  |                  | 100             | f                  | 10.1370        | 0.809       | 8.51579      |               |                |        |
| <b>*M7075T6B6 000X0 250*</b>    |                        |               |             |                     |                  |                 |                    |                | <b>**</b>   |              |               |                |        |
| 7075-T6 BAR 6.000" X 0.250"     |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |

Location

Loc Qty

Loc Code

MAT005

10.137

M131259

6.637

M132458

3.5

M 133426

8,1

15/12/02

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

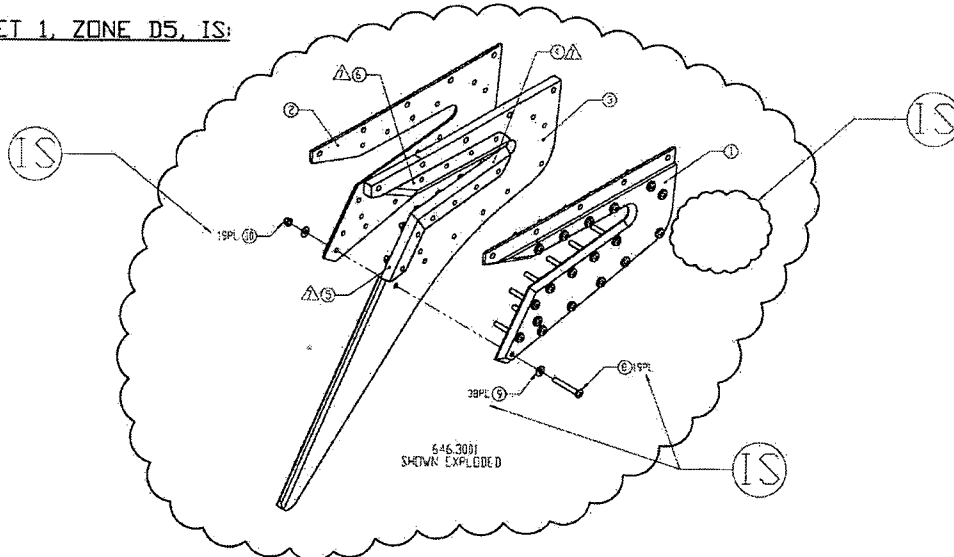
Work Order update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                      |  | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>             Skid-tube <input type="checkbox"/><br/>             Machining <input type="checkbox"/><br/>             Thermoforming <input type="checkbox"/><br/>             Large Fab <input type="checkbox"/> </div> <div>             Cross tube <input type="checkbox"/><br/>             Small Fab <input type="checkbox"/><br/>             Finishing <input type="checkbox"/><br/>             Composite <input type="checkbox"/> </div> <div>             Water Jet <input type="checkbox"/><br/>             Prod. Eng. Coord. <input type="checkbox"/><br/>             Rec/Store/Packaging <input type="checkbox"/><br/>             Supplier <input type="checkbox"/> </div> <div>             Engineering <input type="checkbox"/><br/>             Quality <input type="checkbox"/><br/>             Other <input type="checkbox"/> </div> </div> |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Step #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MRB (QS1042) Approval |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       | Completed By                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Root Cause                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | FAULT CATEGORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Environment <input type="checkbox"/><br>Design <input type="checkbox"/><br>Doc/Data <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Pre <input type="checkbox"/><br>Material <input type="checkbox"/><br>Internal Transport <input type="checkbox"/><br>Tribal Knowledge <input type="checkbox"/><br>LOA <input type="checkbox"/><br>Substation <input type="checkbox"/><br>Past Expiry Date <input type="checkbox"/><br>Misidentified <input type="checkbox"/> |  | No Re-verification <input type="checkbox"/><br>Operator <input type="checkbox"/><br>Offset/Setup <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Training <input type="checkbox"/><br>Use for Testing <input type="checkbox"/><br>Poor Information <input type="checkbox"/><br>Rushing <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Past Due <input type="checkbox"/> |  | Pressure/Forced <input type="checkbox"/><br>Bending <input type="checkbox"/><br>Centre Not Concentric <input type="checkbox"/><br>Cracks <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave <input type="checkbox"/><br>Cuffs <input type="checkbox"/><br>Crushing <input type="checkbox"/><br>Heat Treat <input type="checkbox"/><br>Wave/Twist in Tube <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Temperature/Cure <input type="checkbox"/><br>Set-up <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Inspection Incomplete/Unqualified <input type="checkbox"/><br>Contamination <input type="checkbox"/><br>Countersink <input type="checkbox"/><br>Cut Too Short <input type="checkbox"/><br>Instructions Incomplete/Unclear <input type="checkbox"/><br>Drill Holes <input type="checkbox"/> |                       | Power Loss/Surge <input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br>Grain <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set <input type="checkbox"/><br>Misabeled <input type="checkbox"/><br>Fit/Function <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/> |  | Positioned Wrong <input type="checkbox"/><br>Outside Dimensions <input type="checkbox"/><br>Over/Under tolerance <input type="checkbox"/><br>Part Incorrect <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Part Moved <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Misread <input type="checkbox"/><br>Turning Sequence <input type="checkbox"/> |  |
| OTHER : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |

APICAL  
INDUSTRIES, INC.

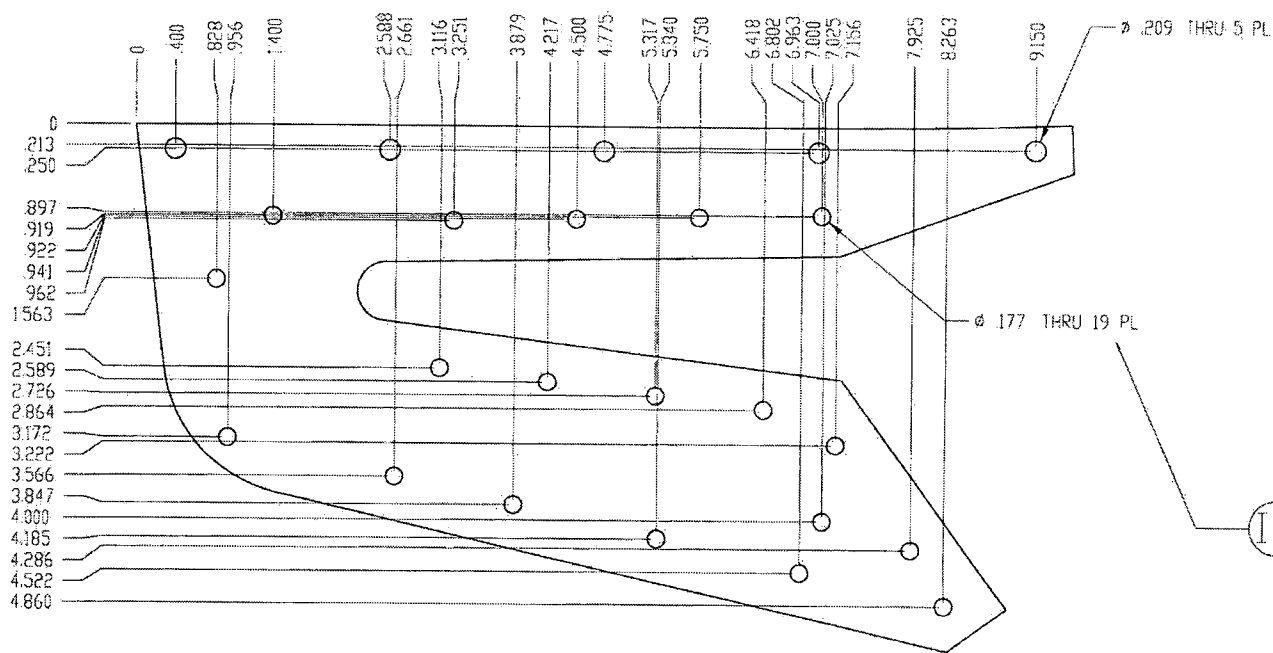
ENGINEERING CHANGE NOTICE NO. 02195 SHEET 1 OF 4  
 DWG NO. 646.3000 REV: N/C PREPARED BY S. HUFF DATE: 01/05/09 EFFECT ON DWG  
 DWG TITLE: LOWER CUTTER ASSY  
 APPROVED BY: ENGR [Signature] MFG [Signature] QC [Signature] EFF: NEXT ORDER  
 REASON: REMOVED RIVETS IN FAVOR OF ADDITIONAL SCREWS

SHEET 1, ZONE D5, IS:



| 10                  | R  | 601.1541    | 19    | LOCKNUT                                                                                                                                                                                       | MS21042L08                                                                                  |
|---------------------|----|-------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 9                   | R  | 601.2764    | 38    | WASHER                                                                                                                                                                                        | NAS1149FN832P                                                                               |
| 8                   | R  | 601.2765    | 19    | SCREW                                                                                                                                                                                         | MS27039-0819                                                                                |
| 7                   | D  | 601.2766    | 2     | RIVET                                                                                                                                                                                         | MS20470AD5-18                                                                               |
|                     |    |             | .3001 |                                                                                                                                                                                               |                                                                                             |
| F/N                 | TC | PART NUMBER | QTY   | DESCRIPTION                                                                                                                                                                                   | MATERIAL/SPECIFICATION                                                                      |
| DOCUMENTS EFFECTED: |    |             |       | <input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM | CHANGE CATEGORY<br><input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR |
|                     |    |             |       | DER REVIEW REQUIRED<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO                                                                                                    |                                                                                             |

SHEET 3 IS:



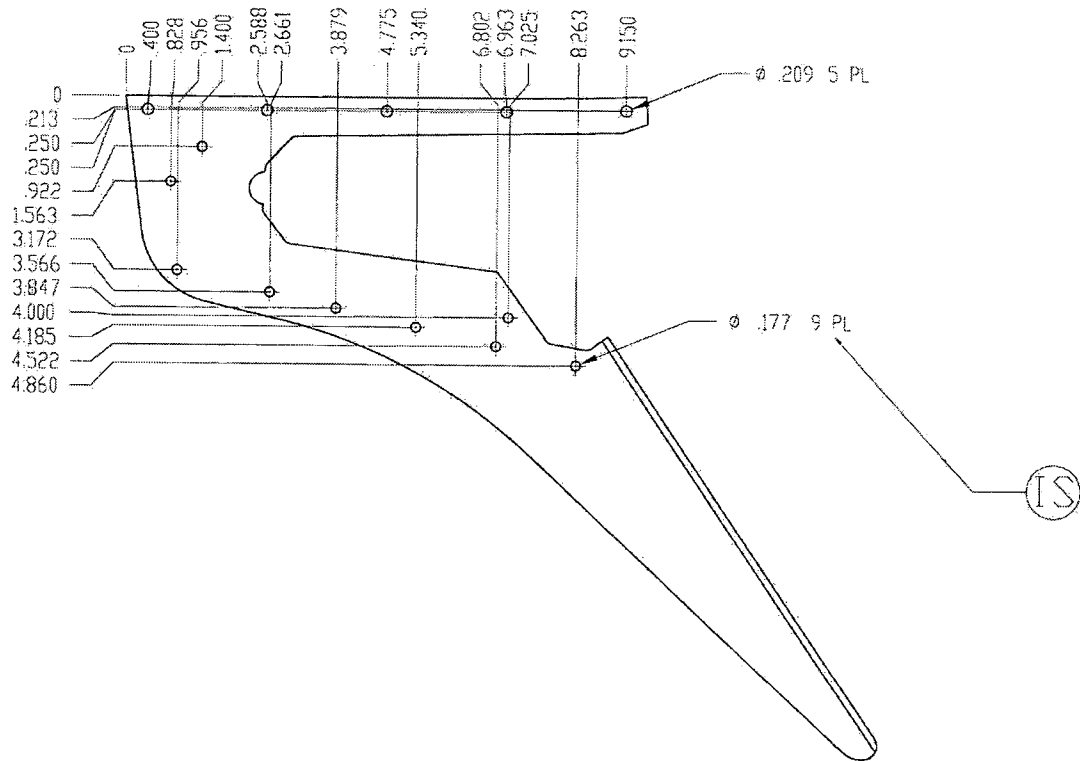
SECTION A-A



| F/N | TC | PART NUMBER | QTY | DESCRIPTION | MATERIAL/SPECIFICATION |
|-----|----|-------------|-----|-------------|------------------------|
|     |    |             |     |             |                        |

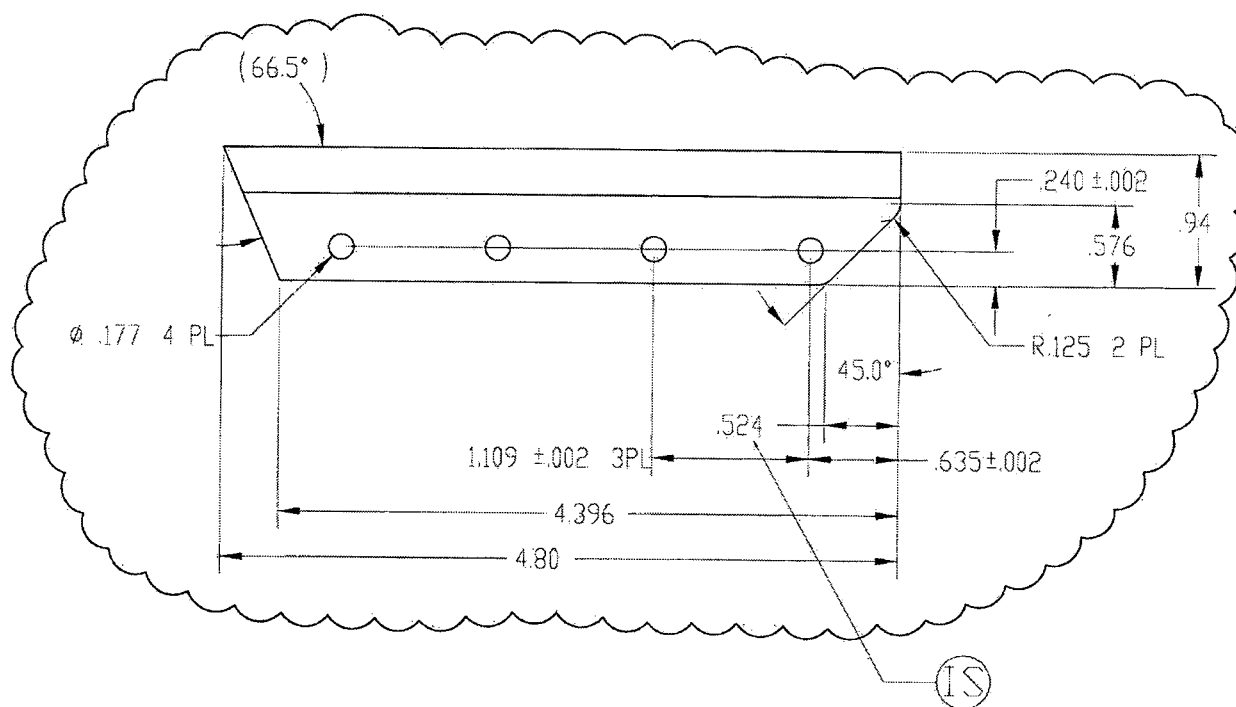


SHEET 5 IS:



| F/N | TC | PART NUMBER | QTY | DESCRIPTION | MATERIAL/SPECIFICATION |
|-----|----|-------------|-----|-------------|------------------------|
|     |    |             |     |             |                        |

SHEET 6, ZONE C4, IS:



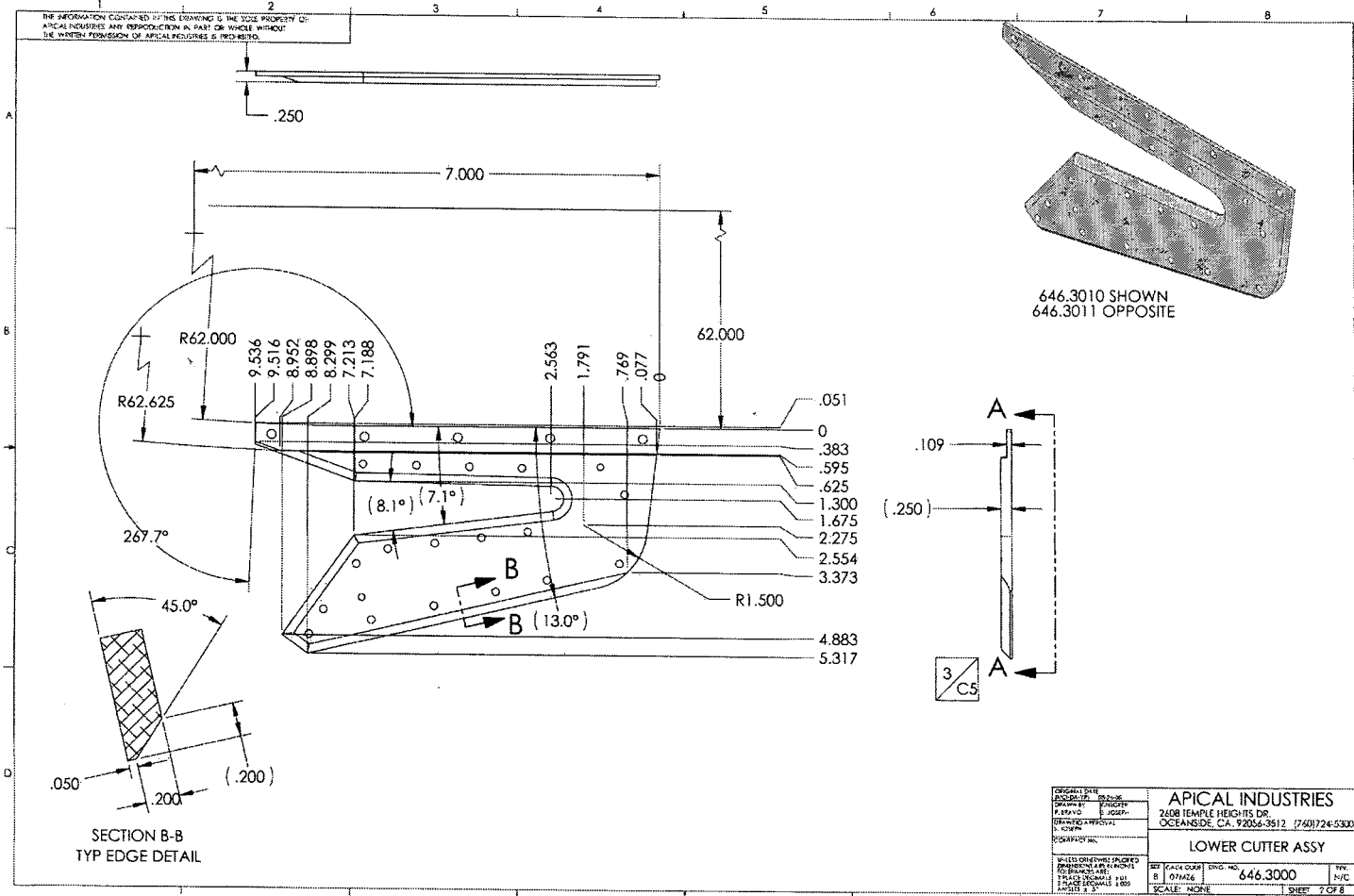
| F/N | TC | PART NUMBER | QTY | DESCRIPTION | MATERIAL/SPECIFICATION |
|-----|----|-------------|-----|-------------|------------------------|
|     |    |             |     |             |                        |

APICAL INDUSTRIES  
2608 TEMPLE HEIGHTS DR.  
OCEANSIDE, CA. 92056-3512 (760) 724-5300

LOWER CUTTER ASSY

|            |             |              |
|------------|-------------|--------------|
| REV. 07/82 | DATE: 07/82 | REV. N/C     |
| B          | 07/82       | 646.3000     |
| SCALE NONE |             | SHEET 1 OF 8 |

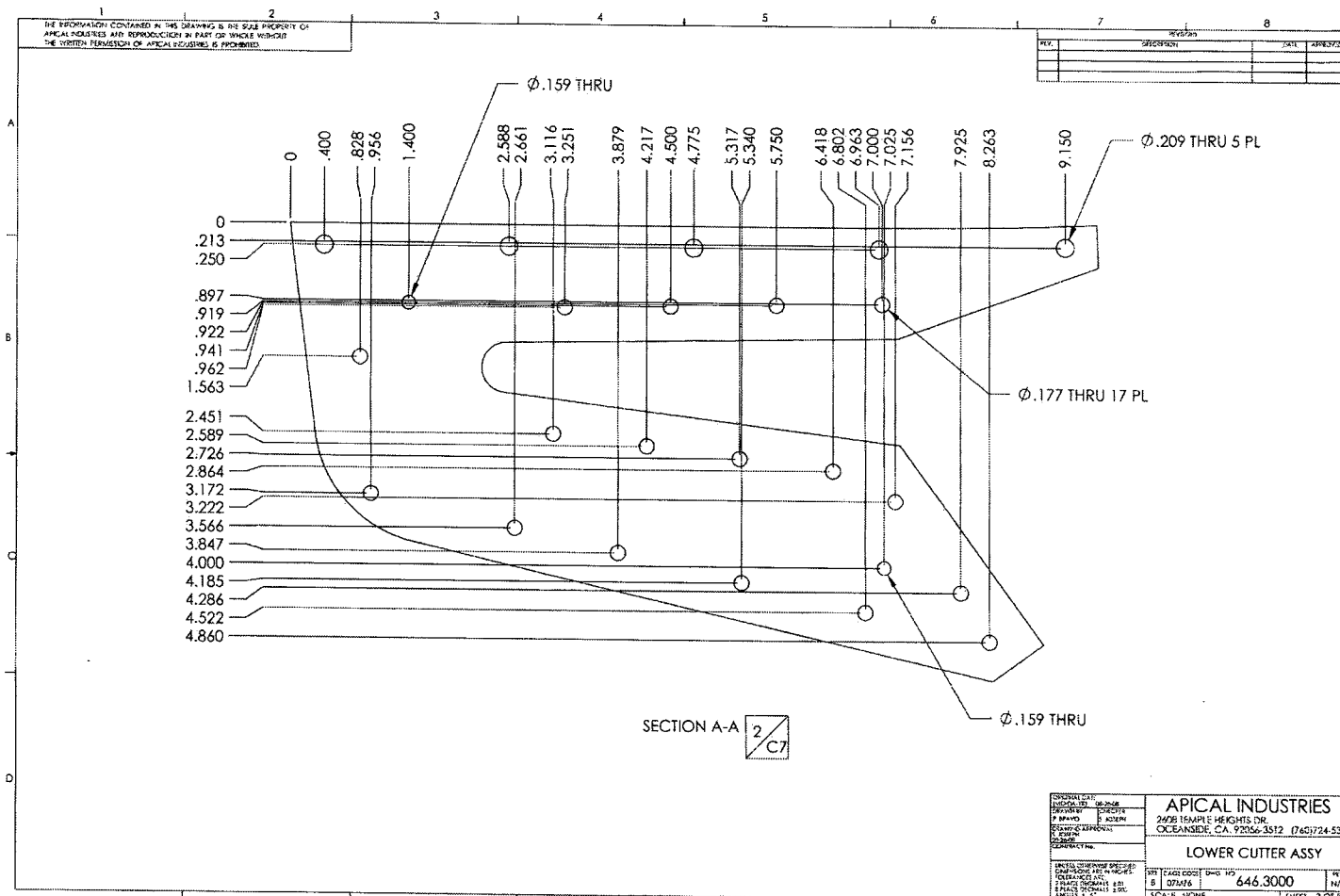
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646.3010 SHOWN  
646.3011 OPPOSITE

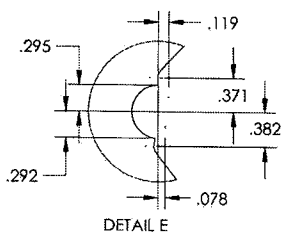
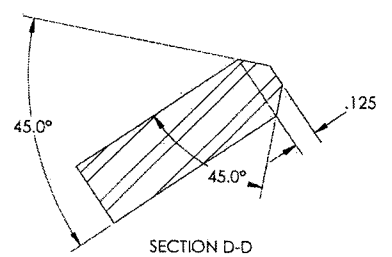
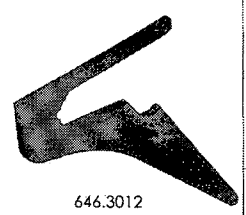
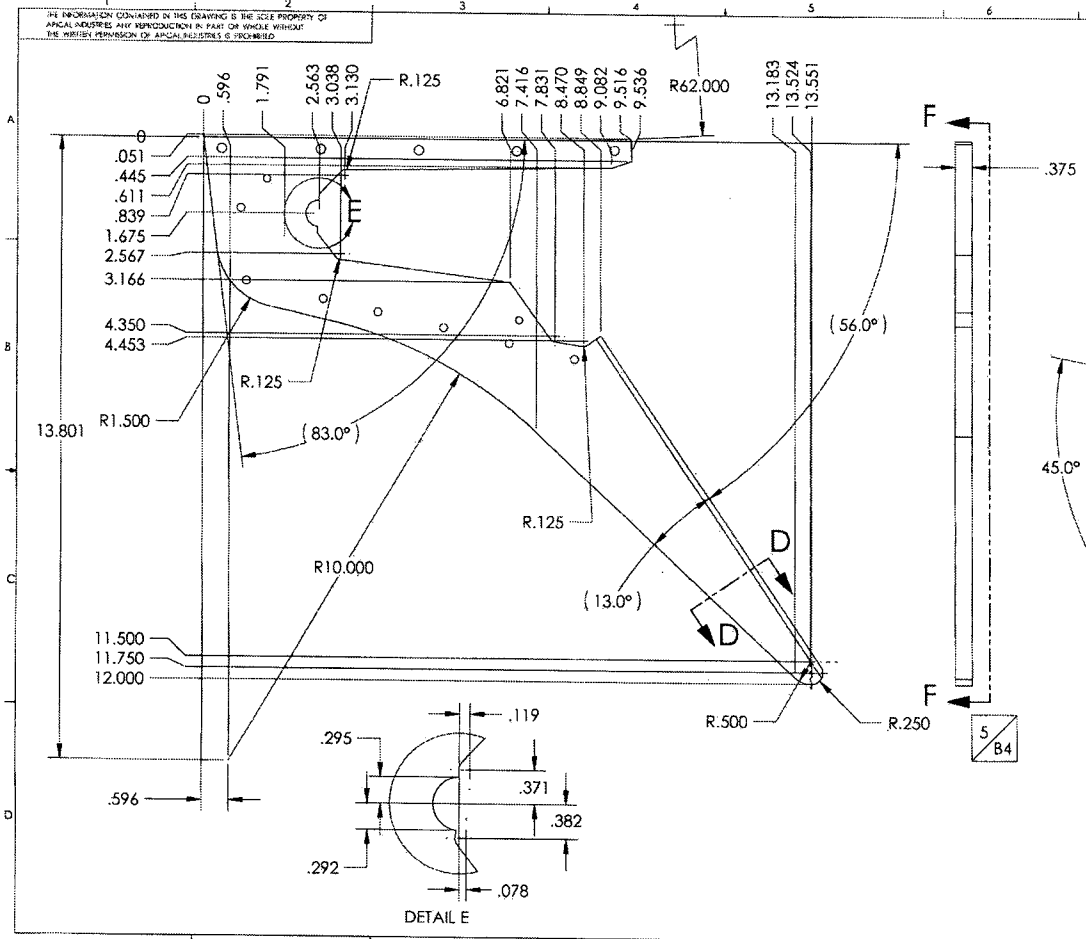
|                                                                                                                            |  |                                                                                                |  |
|----------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------|--|
| ORIGINAL DATE<br>DRAWN BY: [blank]<br>CHECKED BY: [blank]<br>DESIGNED BY: [blank]<br>APPROVED BY: [blank]<br>DATE: [blank] |  | <b>APICAL INDUSTRIES</b><br>2608 TEMPLE HEIGHTS DR.<br>OCEANSIDE, CA. 92056-3812 (760)724-5300 |  |
| SHEET OR OTHERS IN ORDER<br>PART NAME: [blank]<br>PART NUMBER: [blank]<br>QUANTITY: [blank]                                |  | <b>LOWER CUTTER ASSY</b><br>SET (CAGE CODE) DWG. NO.:<br>B 07406 646.3000<br>SCALE: NONE       |  |
| SHEET 1 OF 8                                                                                                               |  | SHEET 1 OF 8                                                                                   |  |

| FLY. | DESCRIPTION | DATE | AMOUNT |
|------|-------------|------|--------|
|      |             |      |        |
|      |             |      |        |
|      |             |      |        |



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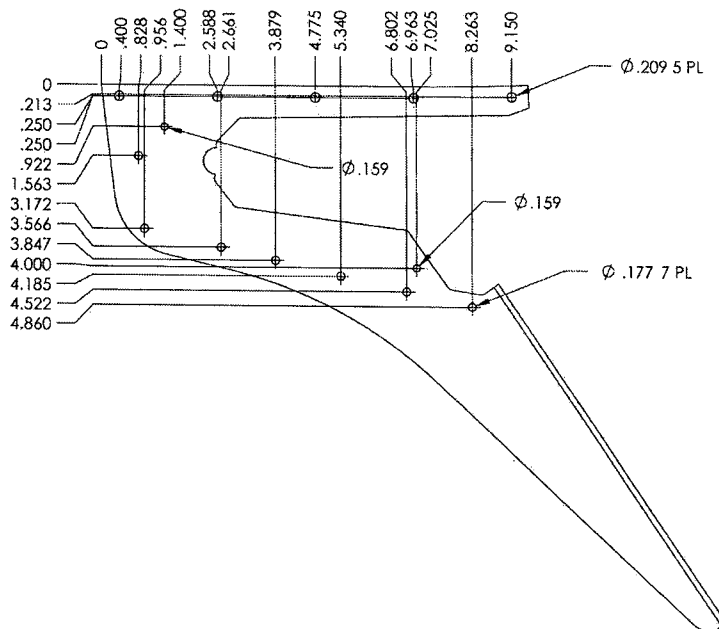
| REV | DESCRIPTION | DATE | APPROVED |
|-----|-------------|------|----------|
|     |             |      |          |
|     |             |      |          |



|                                                                                                             |                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ORIGINAL DATE<br>08/24/06<br>DESIGNED BY<br>P. PAVO<br>DRAWING APPROVAL<br>J. PAVO<br>CHECKED BY<br>J. PAVO | <b>APICAL INDUSTRIES</b><br>2608 TEMPLE HEIGHTS DR.<br>OCEANSIDE, CA 92056-3512 (760)724-5300<br><b>LOWER CUTTER ASSY</b><br>646.3000<br>SCALE: NONE<br>1 SHEET 2 OF 8 |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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| REV | DESCRIPTION | DATE | APPROVED |
|-----|-------------|------|----------|
|     |             |      |          |
|     |             |      |          |

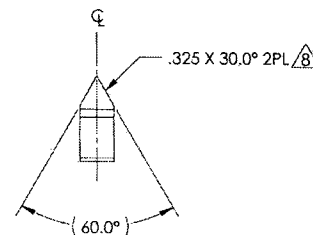
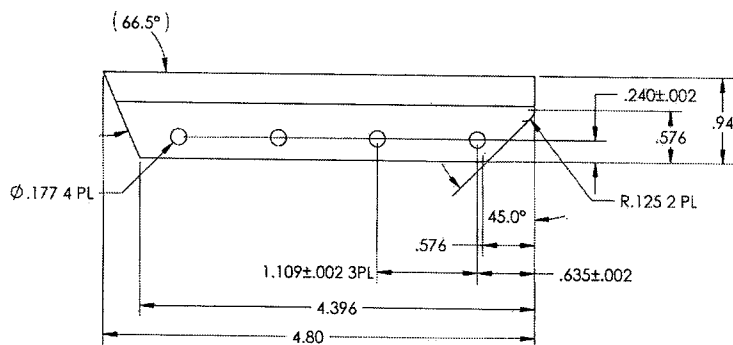
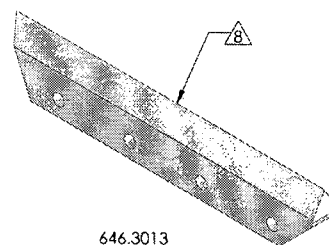
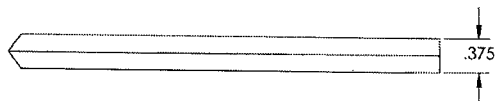


SECTION F-F 4/86

|                                                                                                                                                    |  |                                                                                                |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------|-------------------------------------|
| DESIGNER: [blank]<br>CHECKED BY: [blank]<br>P. WARD<br>DRAWN BY: [blank]<br>APPROVED BY: [blank]<br>DATE: [blank]                                  |  | <b>APICAL INDUSTRIES</b><br>2608 TEMPLE HEIGHTS DR.<br>OCEANSIDE, CA 92066-3512 (760) 724-5300 |                                     |
| MATERIAL: [blank]<br>FINISH: [blank]<br>QUANTITY: [blank]                                                                                          |  | <b>LOWER CUTTER ASSY</b>                                                                       |                                     |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES<br>FRACTIONS ARE:<br>DECIMALS ARE:<br>ANGLES ARE:<br>UNLESS OTHERWISE SPECIFIED |  | REV: [blank]<br>B: 07/05/6<br>SCALE: NONE                                                      | REV: [blank]<br>N/C<br>SHEET 5 OF 8 |

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES AND REPRODUCTION IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

| REV. | DESCRIPTION | DATE | APPROVED |
|------|-------------|------|----------|
|      |             |      |          |
|      |             |      |          |
|      |             |      |          |

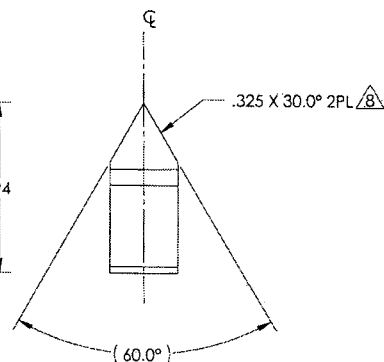
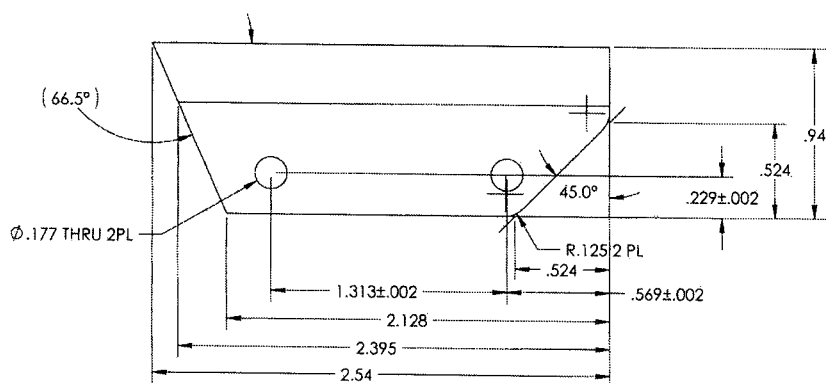
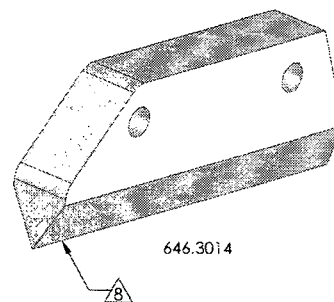
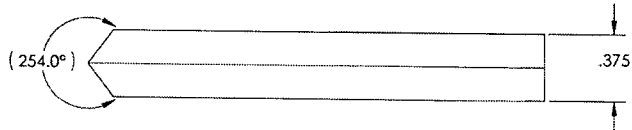


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|-----------------------|----------------------------------------|----------|
| DESIGNED BY: 00-28-02 | <b>APICAL INDUSTRIES</b>               |          |
| DRAWN BY: 00-28-02    | 2608 TEMPLE HEIGHTS DR.                |          |
| PERMANENT: 00-28-02   | OCEANSIDE, CA 92056-3512 (760)724-5300 |          |
| ISSUED BY: 00-28-02   | <b>LOWER CUTTER ASSY</b>               |          |
| DATE: 07/02/06        | QTY: 646.3000                          | REV: N/C |
| SCALE: NONE           | SHEET 2 OF 8                           |          |



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES AND REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

| REV | DESCRIPTION | DATE | APPROVED |
|-----|-------------|------|----------|
|     |             |      |          |
|     |             |      |          |
|     |             |      |          |



|             |          |                                        |
|-------------|----------|----------------------------------------|
| DESIGNED BY | DATE     | APICAL INDUSTRIES                      |
| DRAWN BY    | 2008     | 2608 TEMPLE HEIGHTS DR.                |
| CHECKED BY  | 01/01/11 | OCEANSIDE, CA 92056-3512 (760)724-5300 |
| APPROVED BY |          |                                        |
| DATE        |          |                                        |
| SCALE       |          |                                        |
| SHEET       |          |                                        |

APICAL INDUSTRIES

2608 TEMPLE HEIGHTS DR.

OCEANSIDE, CA 92056-3512 (760)724-5300

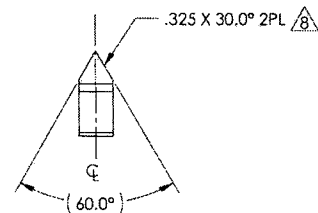
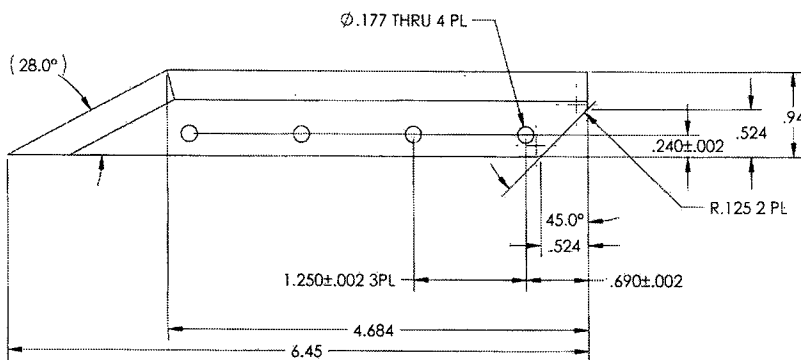
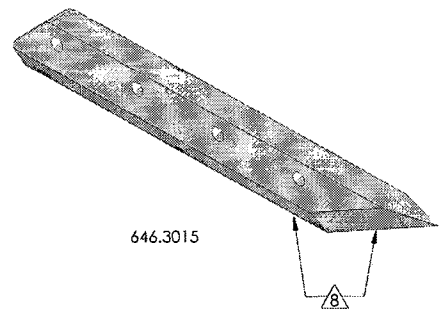
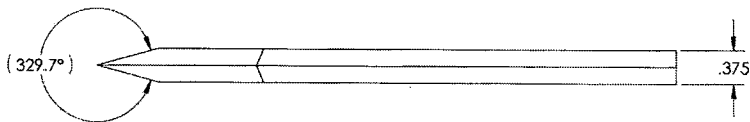
LOWER CUTTER ASSY

646.3000

SHEET 7 OF 8

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES AND REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

| REV. | DESCRIPTION | DATE | APPROVED |
|------|-------------|------|----------|
|      |             |      |          |
|      |             |      |          |



|                                                                                                         |                                                                                                                                                       |              |
|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| ORIGINAL SIZE<br>DRAWN BY: J. JOSEPH<br>P. GRAVCO<br>CHECKED: J. JOSEPH<br>DATE: 10/1/88<br>SCALE: NONE | <b>APICAL INDUSTRIES</b><br>2608 TEMPLE HEIGHTS DR.<br>OCEANSIDE, CA. 92056-3312 (760)734-3300<br><b>LOWER CUTTER ASSY</b><br>646.3000<br>SCALE: NONE | SHEET 8 OF 8 |
|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO30730

Purchase Order Date 12/14/2015

PO Print Date 12/14/2015

Page Number 1 of 2

**Order From :**

VC-ATG001

**Ship To :** DART AEROSPACE LTD

A.T.G. INDUSTRIES INC.  
731 INDUSTRIELLE ROAD  
ROCKLAND, ON K4K 1T2  
CANADA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 613-446-4544

**Ship To Contact**

**Ship To Phone**

**Ship Via:** VENDOR'S TRUCK

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #** 10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

FCA - (Free Carrier)

| Line Nbr                                                                                                          | Reference Vendor Part Number<br>Line Comments<br>Delivery Comments | Description/<br>Mfg ID             | Req Date/<br>Taxable<br>Promise Date | CD | Req Qty/<br>Unit of<br>Measure | PO Unit Price | Extended Price |
|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------|--------------------------------------|----|--------------------------------|---------------|----------------|
| 1                                                                                                                 | 136265                                                             | 646.3010 LH HALF rev.<br>n/c       | 12/16/2015<br>Yes<br>12/16/2015      |    | 10.00                          | \$13.85       | \$138.50       |
| FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N |                                                                    |                                    |                                      |    |                                |               |                |
| Line Total:                                                                                                       |                                                                    |                                    |                                      |    |                                |               | \$138.50       |
| 2                                                                                                                 | 136653                                                             | 646.3011 RH HALF REV.<br>N/C       | 12/18/2015<br>Yes<br>12/18/2015      |    | 6.00                           | \$13.85       | \$83.10        |
| Line Total:                                                                                                       |                                                                    |                                    |                                      |    |                                |               | \$83.10        |
| 3                                                                                                                 | 138616                                                             | 647.7612 BREAKAWAY<br>TIP REV. N/C | 12/18/2015<br>Yes<br>12/18/2015      |    | 10.00<br>15/12/16<br>50        | \$13.84       | \$138.40       |
| FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N |                                                                    |                                    |                                      |    |                                |               |                |

Note:

12/14/2015



A.T.G. Industries Inc.  
731, rue Industrielle Rd.  
PLATING DEPARTMENT  
Rockland, On K4K 1T2  
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

### Pack List

Number: 64044

Date: 16-Dec-15

To

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

Ship To

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

| Terms                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                              | Ship Via |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| Quantity                                                                                                                                                                                                                                                                                                                                 | Description                                                                                                                                                                                  | Rev:     | Line: |
| 10<br>ea                                                                                                                                                                                                                                                                                                                                 | Part: 646.3010<br>LH HALF<br>HARD ANODIZE AS PER MIL-A-8625 TY III, CLASS 2<br><br>PRIME AS PER MIL-P-23377J TYPE I CLASS N<br>PRIMER IS SUPPLY BY THE CUSTOMER<br>Job: 20150911 PO: PO30730 | N/C      |       |
| 6<br>ea                                                                                                                                                                                                                                                                                                                                  | Part: 646.3011<br>RH HALF<br>HARD ANODIZE BLACK<br>MIL-A-8625 TYPE III CLASS 2<br><br>PRIME MIL-P-23377J TYPE I CLASS N<br>PAINT IS SUPPLIED BY CUSTOMER<br>Job: 20150912 PO: PO30730        | /        |       |
| 10<br>ea                                                                                                                                                                                                                                                                                                                                 | Part: 647.7612<br>BREAKAWAY<br>HARD ANODIZE BLACK<br>MIL-A-8625 TYPE III CLASS 2<br><br>PRIME MIL-P-23377J TYPE I CLASS N<br>Job: 20150913 PO: PO30730                                       | /        |       |
| <p align="center">Certificate of Conformance</p> <p>A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order.</p> <p align="center">ISO 9001 : 2008 REGISTERED<br/>ATG SALES-2010 TERMS APPLY</p> <p>DATE: <u>16/12/15</u></p> |                                                                                                                                                                                              |          |       |



A.T.G. Industries Inc.  
731, rue Industrielle Rd.  
PLATING DEPARTMENT  
Rockland, On K4K 1T2  
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

### Pack List

Number: 64044

Date: 16-Dec-15

#### To

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

#### Ship To

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

| Terms                                                                                                                                                                                                                      | Ship Via                              |          |             |  |                                       |  |                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------|-------------|--|---------------------------------------|--|---------------------------|
| <table border="1"><thead><tr><th>Quantity</th><th>Description</th></tr></thead><tbody><tr><td></td><td>CERTIFIED SIGNATURE: <u><i>LM</i></u></td></tr><tr><td></td><td>RECEIVER SIGNATURE: _____</td></tr></tbody></table> |                                       | Quantity | Description |  | CERTIFIED SIGNATURE: <u><i>LM</i></u> |  | RECEIVER SIGNATURE: _____ |
| Quantity                                                                                                                                                                                                                   | Description                           |          |             |  |                                       |  |                           |
|                                                                                                                                                                                                                            | CERTIFIED SIGNATURE: <u><i>LM</i></u> |          |             |  |                                       |  |                           |
|                                                                                                                                                                                                                            | RECEIVER SIGNATURE: _____             |          |             |  |                                       |  |                           |



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO30730

Purchase Order Date 12/14/2015

PO Print Date 12/14/2015

Page Number 1 of 2

**Order From :**

VC-ATG001

**Ship To :** DART AEROSPACE LTD

A.T.G. INDUSTRIES INC.  
731 INDUSTRIELLE ROAD  
ROCKLAND, ON K4K 1T2  
CANADA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 613-446-4544

**Ship To Contact**

**Ship To Phone**

**Ship Via:** VENDOR'S TRUCK

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #** 10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

FCA - (Free Carrier)

| Line Nbr | Reference Vendor Part Number | Description/ Mfg ID                                                                                               | Req Date/ Taxable | CD | Req Qty/ Unit of Measure | PO Unit Price      | Extended Price  |
|----------|------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------|----|--------------------------|--------------------|-----------------|
|          | Line Comments                |                                                                                                                   | Promise Date      |    |                          |                    |                 |
|          | Delivery Comments            |                                                                                                                   |                   |    |                          |                    |                 |
| 1        | 136265                       | 646.3010 LH HALF rev.<br>n/c                                                                                      | 12/16/2015        |    | 10.00                    | \$13.85            | \$138.50        |
|          |                              |                                                                                                                   | Yes<br>12/16/2015 |    |                          |                    |                 |
|          |                              | FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE 1 CLASS N |                   |    |                          |                    |                 |
|          |                              |                                                                                                                   |                   |    |                          | <b>Line Total:</b> | <b>\$138.50</b> |
| 2        | 136653                       | 646.3011 RH HALF REV.<br>N/C                                                                                      | 12/18/2015        |    | 6.00                     | \$13.85            | \$83.10         |
|          |                              |                                                                                                                   | Yes<br>12/18/2015 |    |                          |                    |                 |
|          |                              |                                                                                                                   |                   |    |                          | <b>Line Total:</b> | <b>\$83.10</b>  |
| 3        | 138616                       | 647.7612 BREAKAWAY<br>TIP REV. N/C                                                                                | 12/18/2015        |    | 10.00                    | \$13.84            | \$138.40        |
|          |                              |                                                                                                                   | Yes<br>12/18/2015 |    |                          |                    |                 |
|          |                              | FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE 1 CLASS N |                   |    |                          |                    |                 |

Note:

12/14/2015